

Data sheet for SIMOTICS S-1FL6

MLFB-Ordering data 1FL6034-2AF21-1LG1



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data	
Rated speed	3000 rpm
Rated torque (100 K)	1.27 Nm
Rated current	2.6 A
Rated power	0.40 kW / 0.54 hp
Max. speed	5000 rpm
Maximum torque	3.82 Nm
Max. current	7.8 A
Static torque	1.27 Nm
Moment of inertia	0.351 kgcm²
Physical constants	
Torque constant	0.49 Nm/A
Thermal class	B (130 °C)
Net weight	1.50 kg
Ambient conditions	
Ambient temperature	
Operation	0 ... 40 °C
Relative humidity	
Max. operation	90 % RH maximum (no condensation at 30 °C)
Standards	
Compliance with standards	CE, EAC

Mechanical data	
Motor type	Low Inertia
Motor type	Permanent-magnet synchronous motor
Shaft height	30
Encoder system	Absolute encoder 20 bit + 12 bit multi-turn
Cooling	Natural cooling
Shaft end	Plain shaft
Radial runout tolerance	Class N
Vibration severity grade	Grade A
Degree of protection	IP65
Design acc. to Code I	IM B5 (IM V1, IM V3)
Connection type	Cable outlet